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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/741,217	12/20/2000	Brian D. Swander	MS160074.1	7670

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EXAMINER
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JACKSON, JENISE E

ART UNIT	PAPER NUMBER
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2131

DATE MAILED: 05/25/2004

4

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/741,217

Applicant(s)

SWANDER ET AL.

Examiner

Jenise E Jackson

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-8, 13, 16-21 and 26-34 is/are rejected.
- 7) ☒ Claim(s) 9-12, 14, 15 and 22-25 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>4</u> . | 6) <input type="checkbox"/> Other: ____.  |

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-8, 13, 16-21, 26-34 are rejected under 35 U.S.C. 102(e) as being anticipated by Boden et al(6,330,562).

3. As per claims 1, 16, Boden et al. disclose a system of establishing a secure link among multiple users on a single machine with a remote machine(see col. 6, lines 13-15, 27-31, col. 7, lines 39-43, col. 9, lines 54-65), a subsystem to filter traffic so that traffic from each user is separate(see col. 7, lines 27-31), wherein the subsystem generates and associates a Security Association(SA) with at least one filter corresponding to the user and the traffic and employs the SA to establish the secure link(see col. 3, lines 66-67, col. 4, lines 1-4).

4. As per claim 2, Boden disclose being located on the single machine(see col. 6, lines 13-15, 27-31).

5. As per claim 3, Boden discloses being located on the remote machine(see col. 7, lines 39-43, col. 9, lines 54-65).

6. As per claims 4, 17, Boden discloses wherein the subsystem further includes an Internet key exchange module and policy module to generate and associate the security association(see col. 4, lines 3, lines 60-67, col. 4, lines 1-9, col. 10, lines 8-12).

7. As per claims 5, 18, Boden discloses wherein the policy module is configured via Internet Protocol Security(IPSEC)(see col. 4, lines 24-38, col. 10, lines 7-12).
8. As per claims 6, Boden discloses wherein filters are provided from the policy module in order to filter traffic associated with the single machine and the remote machine(see col. 4, lines 1-4, col. 6, lines 13-31).
9. As per claim 7, Boden discloses wherein the single machine filter is associated with a communication port on the single machine(see col. 5, lines 25-36).
10. As per claim 8, Boden discloses wherein the remote machine determines filters dynamically to communicate with the filters associated with the single machine(see col. 6, lines 13-31).
11. As per claim 13, Boden discloses wherein the initiator packet includes a user identification responder(see col. 3, lines 60-66, col. 4, lines 51-53, col. 5, lines 15-36, 47-53).
12. As per claim 19, Boden discloses wherein filters are provided from the policy module in order to filter traffic associated with the first machine and the second machine(see col. 6, lines 13-31).
13. As per claim 20, Boden discloses wherein the first machine filter is associated with a communications port on the first machine(see col. 5, lines 25-36).
14. As per claim 21, Boden discloses wherein the second machine determines filters dynamically to communicate with the filters associated with the first machine(see col. 7, lines 27-50).
15. As per claim 26, Boden discloses a method of establishing a secure link between a first machine and multiple services on a second machine(see col. 5, lines 15-36), filtering traffic so

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that traffic from each service is separate(see col. 6, lines 13-31); negotiating and authenticating a Security Association(SA) with at least one filter corresponding to the services and the traffic; and employing the SA to establish the secure link(see col. 4, lines 1-16, col. 6, lines 3-12).

16. As per claims 27-28, it recites same limitations as claim 26.

17. As per claim 29, it recites same limitations as claim 26.

18. As per claim 30, Boden discloses a component to filter traffic between a first machine, having multiple users, and a second machine so that traffic for the first machine is separated in accordance with the respective users(see col. 6, lines 13-31); and a component to generate and associate a Security Association(SA) with at least one filter, corresponding to at least one of the users and the respective traffic, and employs the SA to establish a secure link between the first and second machines(see col. 4, lines 1-16, col. 6, lines 3-12).

19. As per claims 31-33 rejected under the same basis as claim 30.

20. As per clam 34, wherein at least one of the processes is executed by a distributed processing system(see col. 3, lines 51-60).

21. Claims 9-12, 14-15, and 22-25 are objected as being rejected on base claims. These claims are allowable for the feature of user mode. In prior art of networking, there is a phase I and phase II, main mode, and quick mode respectfully. However, in the art of networking there is no user mode, in which a user's identity can be negotiated through user mode instead of quick mode.


***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jenise E Jackson whose telephone number is (703) 306-0426. The examiner can normally be reached on M-Th (6:00 a.m. - 3:30 p.m.) alternate Friday's.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on (703) 305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
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